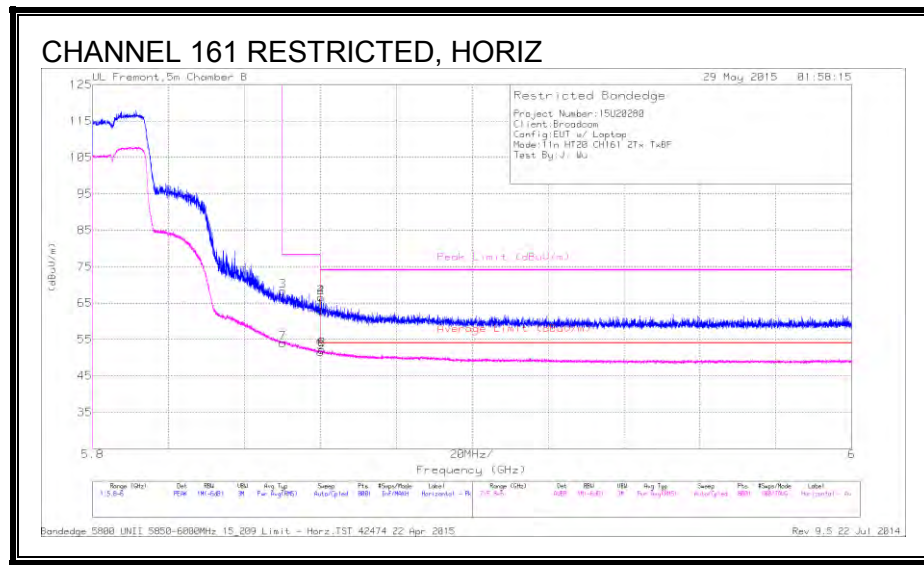


RESTRICTED BANDEDGE (CHANNEL 161)



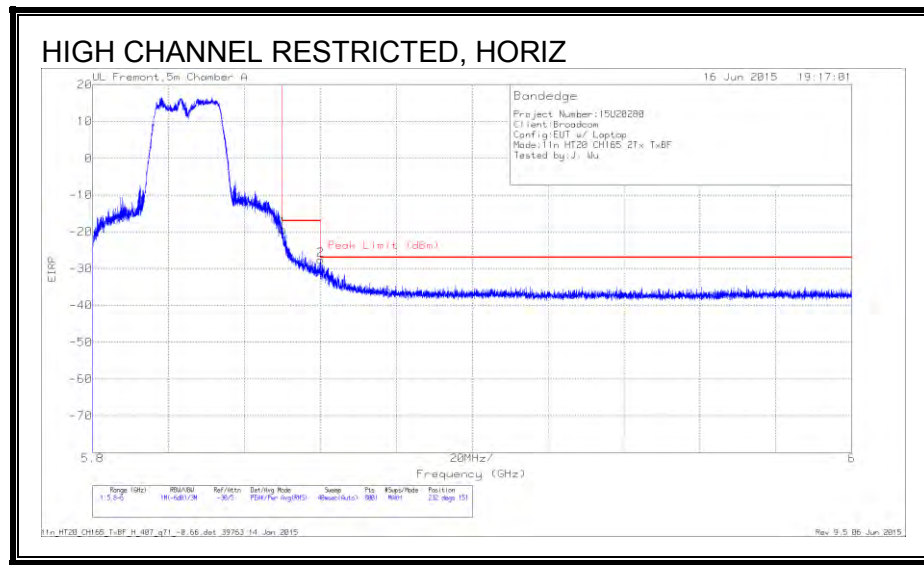
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	5.85	24.08	PK	35.4	8.8	0	68.28	-	-	78.2	-9.92	279	177	H
7	5.85	9.66	RMS	35.4	8.8	.2	54.06	-	-	-	-	279	177	H
1	5.86	18.67	PK	35.4	8.8	0	62.87	-	-	74	-11.13	279	177	H
2	5.86	22.31	PK	35.4	8.8	0	66.51	-	-	74	-7.49	279	177	H
4	5.86	22.31	PK	35.4	8.8	0	66.51	-	-	74	-7.49	279	177	H
5	5.86	7.11	RMS	35.4	8.8	.2	51.51	54	-2.49	-	-	279	177	H
6	5.86	7.77	RMS	35.4	8.8	.2	52.17	54	-1.83	-	-	279	177	H
8	5.86	7.77	RMS	35.4	8.8	.2	52.17	54	-1.83	-	-	279	177	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



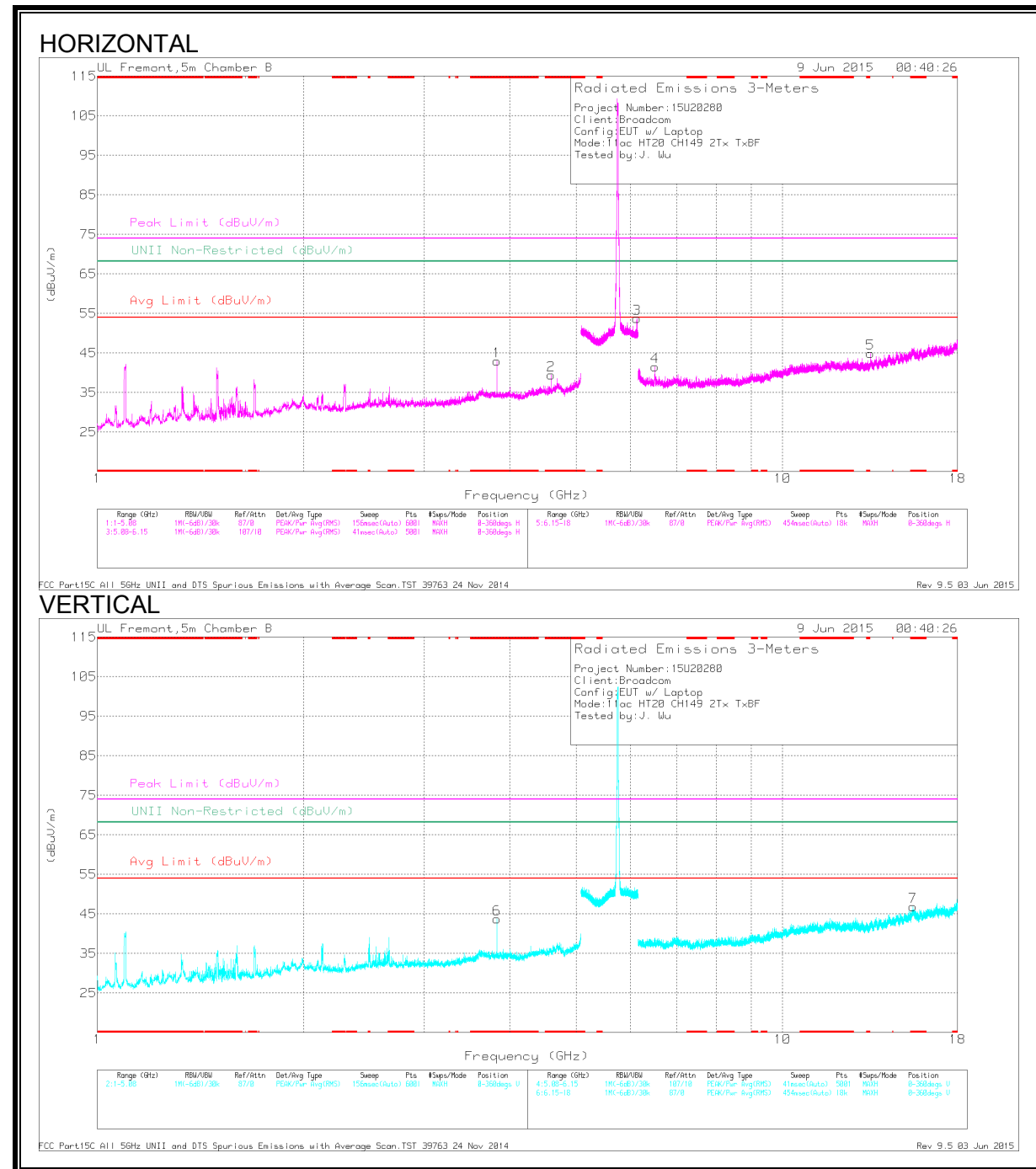
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-74.13	Pk	35.1	7.9	11.8	-19.33	-17	-2.33	232	151	H
2	5.86	-82.46	Pk	35.1	7.9	11.8	-27.66	-27	-.66	232	151	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.83	46.51	PK3	33.4	-30.9	0	49.01	-	-	74	-24.99	-	-	72	193	H
	* 3.83	41.46	ADR	33.4	-30.9	.2	44.16	54	-9.84	-	-	-	-	72	193	H
2	* 4.596	43.62	PK3	34	-29.7	0	47.92	-	-	74	-26.08	-	-	85	168	H
	* 4.596	35.95	ADR	34	-29.7	.2	40.45	54	-13.55	-	-	-	-	85	168	H
6	* 3.83	47.66	PK3	33.4	-30.9	0	50.16	-	-	74	-23.84	-	-	123	255	V
	* 3.83	42.89	ADR	33.4	-30.9	.2	45.59	54	-8.41	-	-	-	-	123	255	V
7	* 15.495	33.65	PK3	40.9	-20.9	0	53.65	-	-	74	-20.35	-	-	83	109	V
	* 15.494	22.43	ADR	40.9	-20.9	.2	42.63	54	-11.37	-	-	-	-	83	109	V
3	6.128	42.61	PK3	35.5	-17.2	0	60.91	-	-	-	-	68.2	-7.29	308	219	H
4	6.511	43.16	PK3	35.9	-28.5	0	50.56	-	-	-	-	68.2	-17.64	298	173	H
5	13.441	33.61	PK3	38.9	-21.8	0	50.71	-	-	-	-	68.2	-17.49	245	375	H

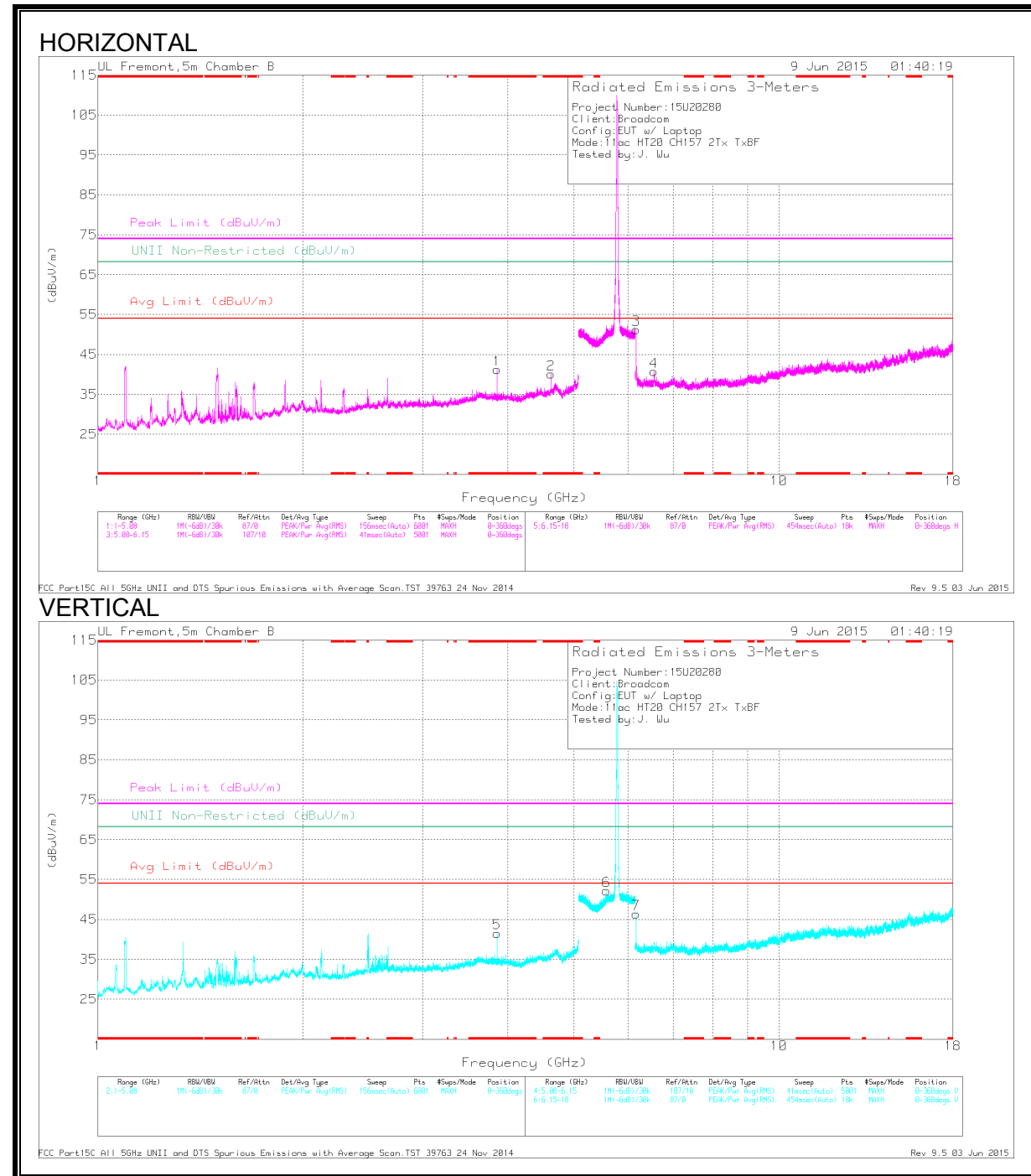
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

-Compliance for emissions in non-restricted bands shown in conducted out of band testing

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.857	46.35	PK3	33.4	-31.2	0	48.55	-	-	74	-25.45	-	-	71	219	H
	* 3.857	40.76	ADR	33.4	-31.2	.2	43.16	54	-10.84	-	-	-	-	71	219	H
2	* 4.628	43.25	PK3	34.1	-29.1	0	48.25	-	-	74	-25.75	-	-	86	258	H
	* 4.628	36.19	ADR	34.1	-29.1	.2	41.39	54	-12.61	-	-	-	-	86	258	H
5	* 3.857	46.46	PK3	33.4	-31.2	0	48.66	-	-	74	-25.34	-	-	117	390	V
	* 3.857	41.15	ADR	33.4	-31.2	.2	43.55	54	-10.45	-	-	-	-	117	390	V
6	5.58	41.8	PK3	34.7	-18	0	58.5	-	-	-	-	68.2	-9.7	300	349	V
7	6.171	50.18	PK3	35.5	-28.5	0	57.18	-	-	-	-	68.2	-11.02	302	182	H
3	6.171	45.83	PK3	35.5	-28.5	0	52.83	-	-	-	-	68.2	-15.37	356	255	V
4	6.556	43.01	PK3	35.9	-28	0	50.91	-	-	-	-	68.2	-17.29	301	173	H

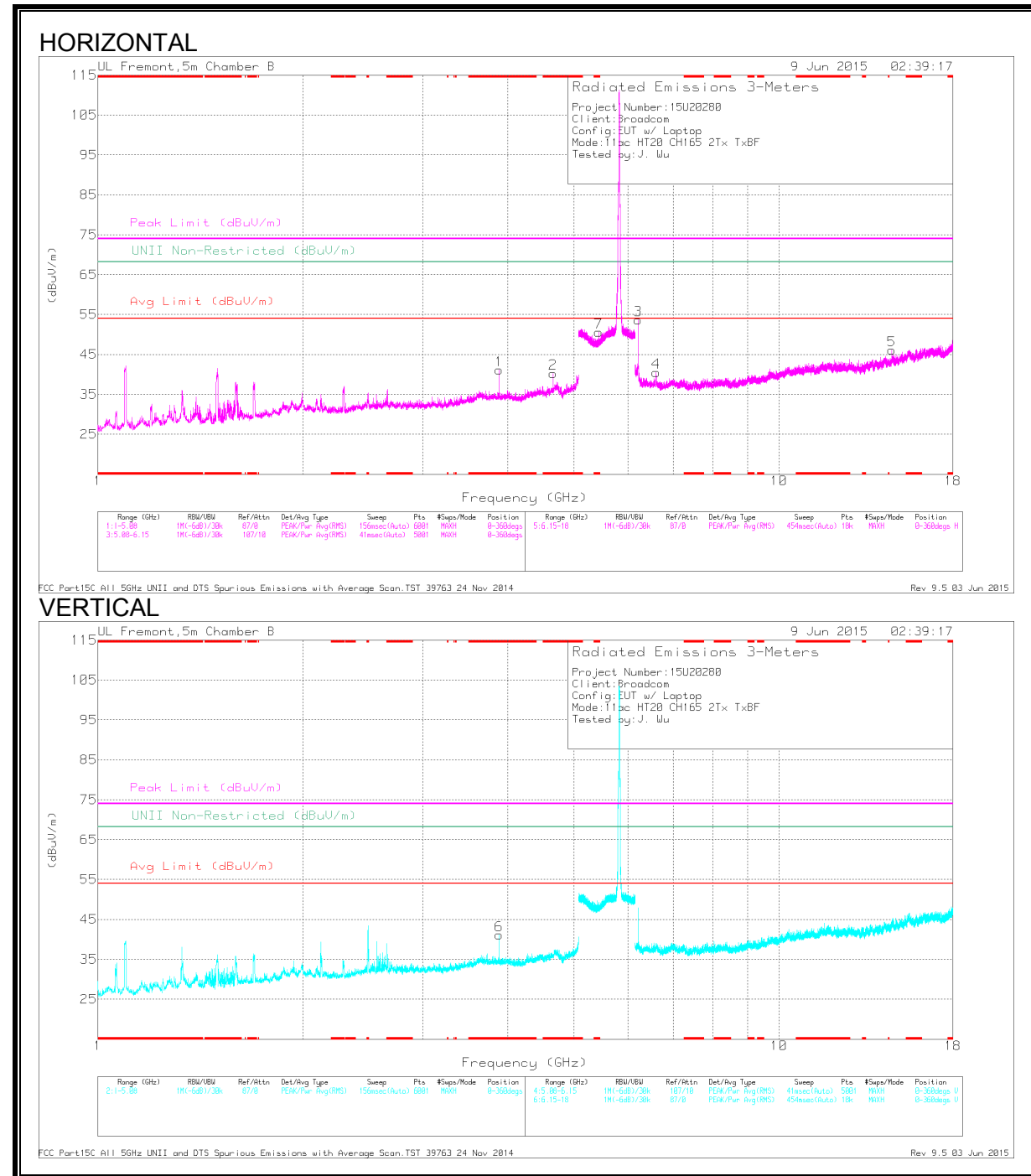
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

-Compliance for emissions in non-restricted bands shown in conducted out of band testing

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.883	46.75	PK3	33.5	-31.2	0	49.05	-	-	74	-24.95	-	-	72	248	H
	* 3.883	40.74	ADR	33.5	-31.2	.2	43.24	54	-10.76	-	-	-	-	72	248	H
2	* 4.66	43.09	PK3	34.1	-29.2	0	47.99	-	-	74	-26.01	-	-	83	253	H
	* 4.66	34.87	ADR	34.1	-29.2	.2	39.97	54	-14.03	-	-	-	-	83	253	H
6	* 3.883	46.34	PK3	33.5	-31.2	0	48.64	-	-	74	-25.36	-	-	120	383	V
	* 3.883	40.37	ADR	33.5	-31.2	.2	42.87	54	-11.13	-	-	-	-	120	383	V
7	* 5.437	42.15	PK3	34.5	-18.1	0	58.55	-	-	74	-15.45	-	-	304	182	H
	* 5.437	32.42	ADR	34.5	-18.1	.2	49.02	54	-4.98	-	-	-	-	304	182	H
3	6.213	50.67	PK3	35.5	-28.4	0	57.77	-	-	-	-	68.2	-10.43	299	183	H
	6.602	40.44	PK3	36	-27.8	0	48.64	-	-	-	-	68.2	-19.56	57	142	H
5	14.642	33.56	PK3	39.8	-21.2	0	52.16	-	-	-	-	68.2	-16.04	229	232	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

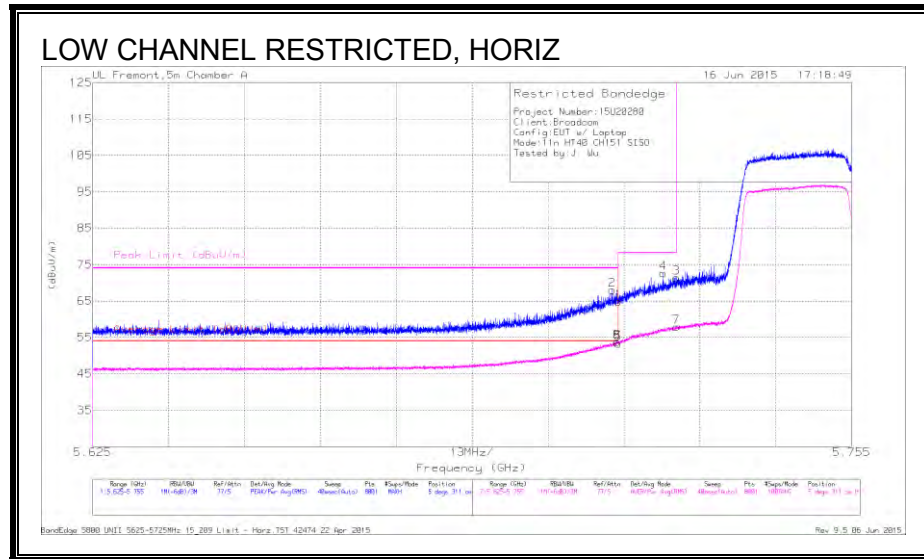
-Compliance for emissions in non-restricted bands shown in conducted out of band testing

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.42. TX ABOVE 1 GHz 802.11n HT40 1Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



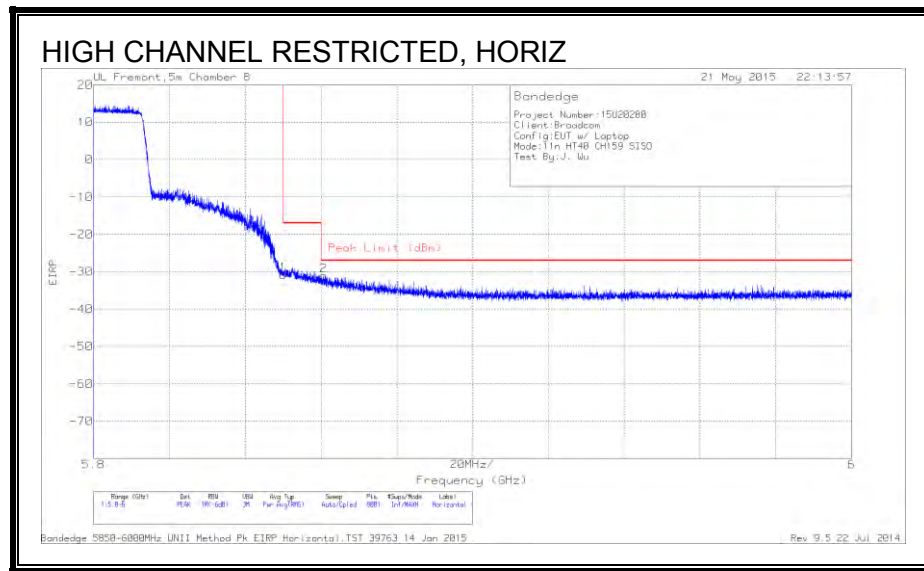
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	25.56	Pk	34.7	7.8	0	68.06	-	-	74	-5.94	5	311	H
1	5.715	22.33	Pk	34.7	7.8	0	64.83	-	-	74	-9.17	5	311	H
5	5.715	10.83	RMS	34.7	7.8	.09	53.42	54	-58	-	-	5	311	H
6	5.715	11.26	RMS	34.7	7.8	.09	53.85	54	-15	-	-	5	311	H
8	5.715	11.26	RMS	34.7	7.8	.09	53.85	54	-15	-	-	5	311	H
4	5.723	30.17	Pk	34.7	7.8	0	72.67	-	-	78.2	-5.53	5	311	H
3	5.725	28.84	Pk	34.7	7.8	0	71.34	-	-	78.2	-6.86	5	311	H
7	5.725	15.42	RMS	34.7	7.8	.09	58.01	-	-	-	-	5	311	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEGE (HIGH CHANNEL)



Trace Markers

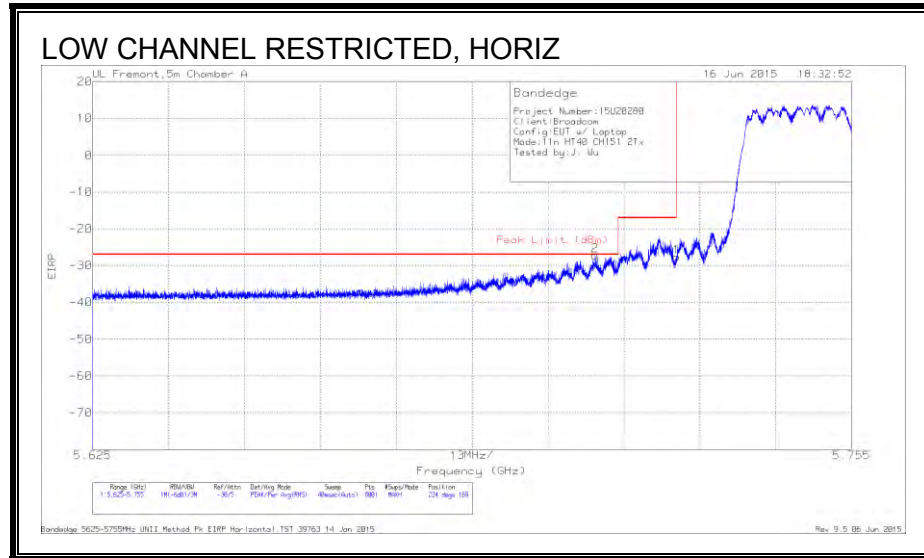
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-86.82	PK	35.4	8.8	11.8	-30.82	-17	-13.82	292	186	H
2	5.861	-87.03	PK	35.4	8.8	11.8	-31.03	-27	-4.03	292	186	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.43. TX ABOVE 1 GHz 802.11n HT40 CDD 2TX MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



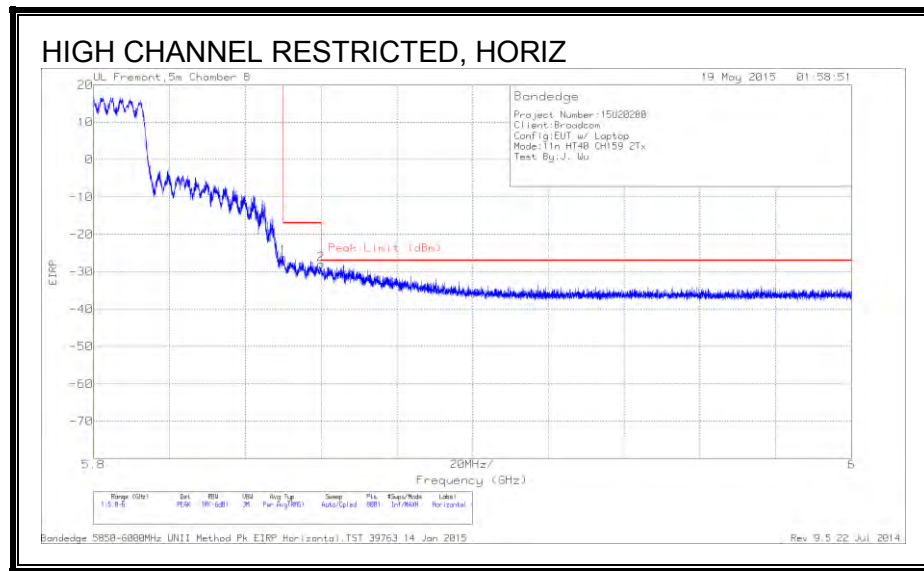
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.711	-81.6	Pk	34.7	7.8	11.8	-27.3	-27	-3	224	169	H
1	5.725	-81.92	Pk	34.7	7.8	11.8	-27.62	-17	-10.62	224	169	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEGE (HIGH CHANNEL)



Trace Markers

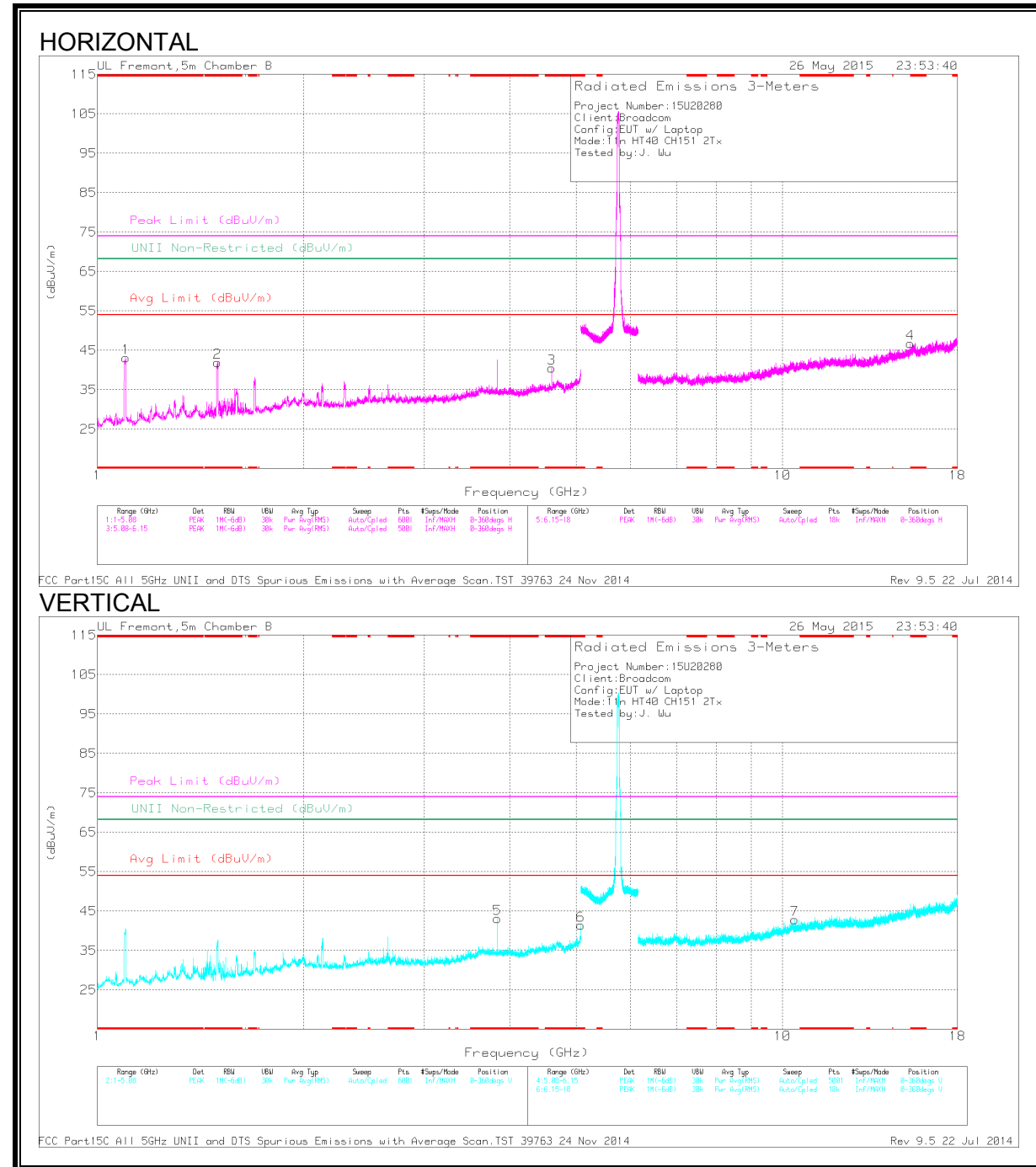
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-82.16	PK	35.4	8.8	11.8	-26.16	-17	-9.16	304	190	H
2	5.86	-83.99	PK	35.4	8.8	11.8	-27.99	-27	-.99	304	190	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.1	55.1	PK1	27.6	-34	0	48.7	-	-	74	-25.3	-	-	274	226	H
	* 1.097	46.45	AD1	27.6	-34	.09	40.14	54	-13.86	-	-	-	-	274	226	H
2	* 1.496	55.81	PK1	28.7	-34.1	0	50.41	-	-	74	-23.59	-	-	29	157	H
	* 1.497	43.52	AD1	28.7	-34.1	.09	38.21	54	-15.79	-	-	-	-	29	157	H
3	* 4.604	42.25	PK1	34	-29.4	0	46.85	-	-	74	-27.15	-	-	302	201	H
	* 4.604	35.83	AD1	34	-29.4	.09	40.52	54	-13.48	-	-	-	-	302	201	H
5	* 3.837	46.2	PK1	33.4	-30.9	0	48.7	-	-	74	-25.3	-	-	94	293	V
	* 3.837	41.9	AD1	33.4	-30.9	.09	44.49	54	-9.51	-	-	-	-	94	293	V
6	* 5.076	40.09	PK1	34	-26	0	48.09	-	-	74	-25.91	-	-	2	149	V
	* 5.076	28.24	AD1	34	-25.9	.09	36.43	54	-17.57	-	-	-	-	2	149	V
4	* 15.355	33.96	PK1	40.7	-21.1	0	53.56	-	-	74	-20.44	-	-	329	332	H
	* 15.354	22.54	AD1	40.7	-21.1	.09	42.23	54	-11.77	-	-	-	-	329	332	H
7	10.418	34.65	PK1	37.4	-23.4	0	48.65	-	-	-	-	68.2	-19.55	170	176	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

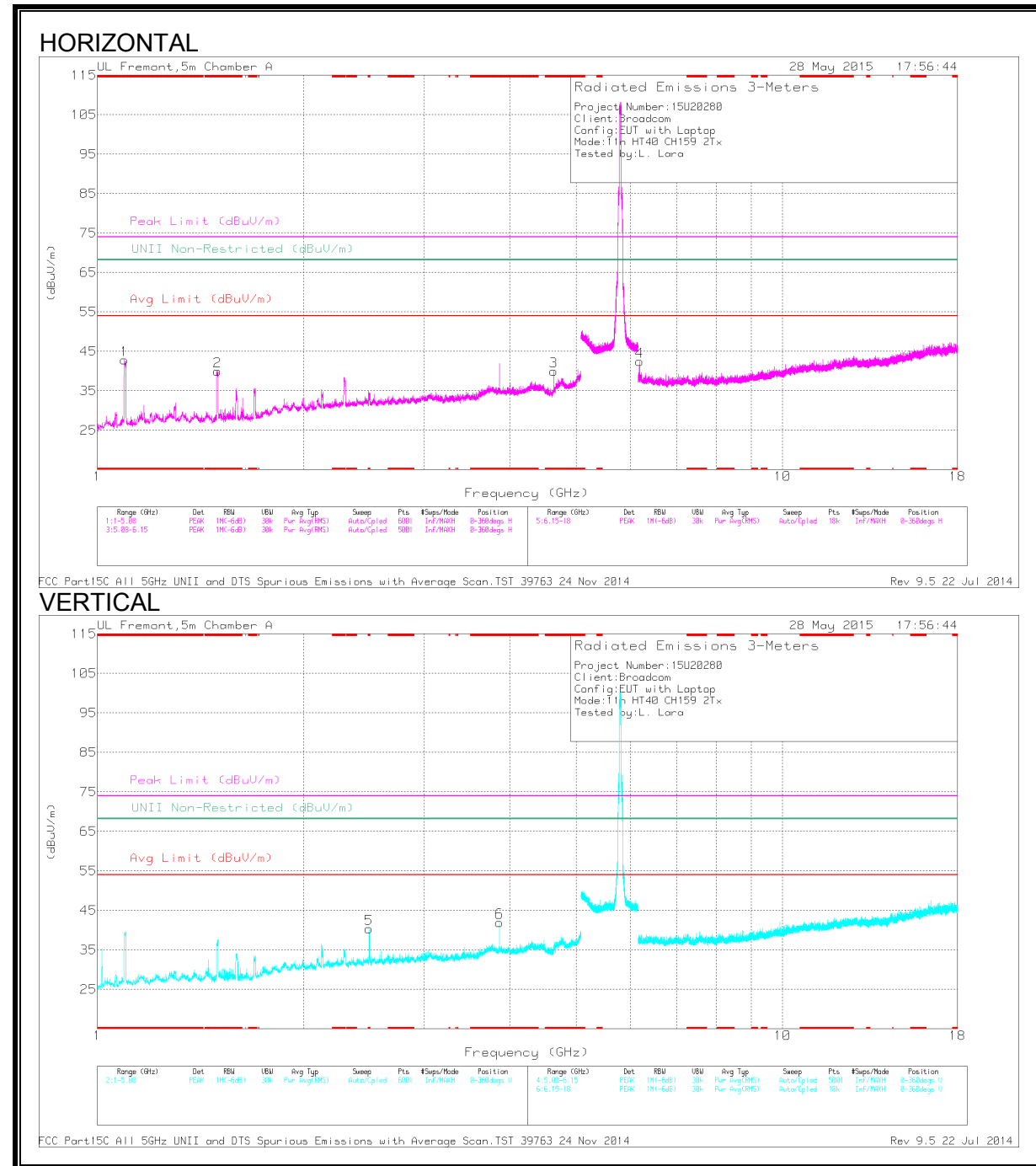
-Compliance for emissions in non-restricted bands shown in conducted out of band testing

PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.099	58.87	PK1	27.2	-35.7	0	50.37	-	-	74	-23.63	-	-	342	133	H
	* 1.098	50.86	AD1	27.2	-35.7	.09	42.45	54	-11.55	-	-	-	-	342	133	H
2	* 1.498	55.51	PK1	28.1	-35.1	0	48.51	-	-	74	-25.49	-	-	338	145	H
	* 1.496	43.49	AD1	28.1	-35.1	.09	36.58	54	-17.42	-	-	-	-	338	145	H
3	* 4.636	43.92	PK1	34.1	-30.9	0	47.12	-	-	74	-26.88	-	-	247	207	H
	* 4.636	37.11	AD1	34.1	-30.9	.09	40.4	54	-13.6	-	-	-	-	247	207	H
5	* 2.49	45.05	PK1	32.1	-34.1	0	43.05	-	-	74	-30.95	-	-	214	202	V
	* 2.489	31.5	AD1	32.1	-34.2	.09	29.49	54	-24.51	-	-	-	-	214	202	V
6	* 3.863	46.29	PK1	33.5	-32.7	0	47.09	-	-	74	-26.91	-	-	299	367	V
	* 3.863	40.15	AD1	33.5	-32.7	.09	41.04	54	-12.96	-	-	-	-	299	367	V
4	6.182	42.96	PK1	35.4	-28.5	0	49.86	-	-	-	-	68.2	-18.34	236	175	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

-Compliance for emissions in non-restricted bands shown in conducted out of band testing

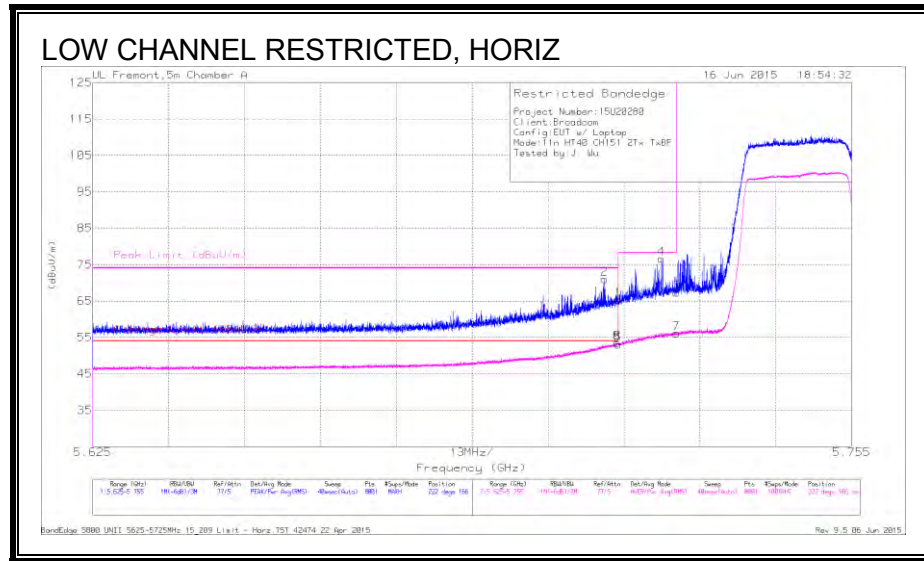
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.44. TX ABOVE 1 GHz 802.11ac HT40 TxBF 2TX MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



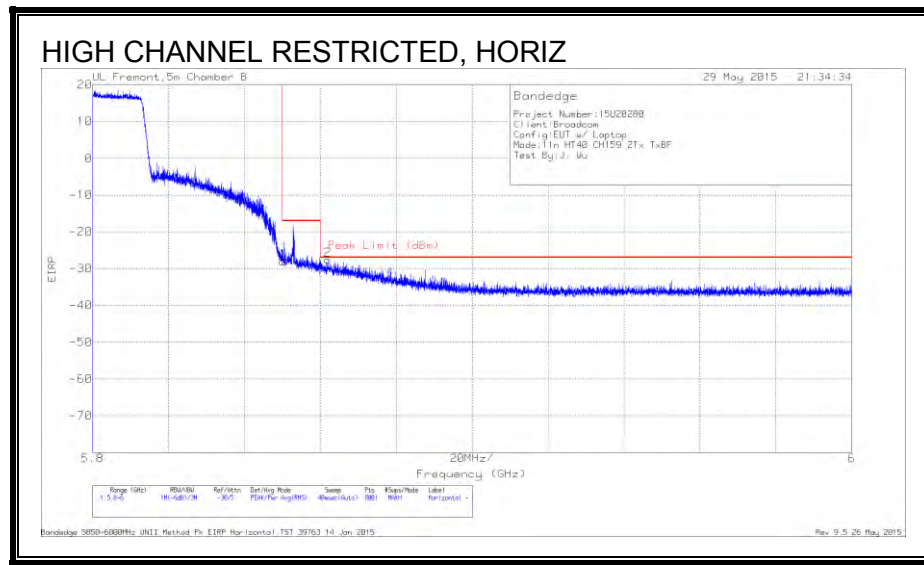
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.713	28.47	Pk	34.7	7.8	0	70.97	-	-	74	-3.03	222	166	H
1	5.715	22.81	Pk	34.7	7.8	0	65.31	-	-	74	-8.69	222	166	H
5	5.715	10.38	RMS	34.7	7.8	.16	53.04	54	-96	-	-	222	166	H
6	5.715	10.9	RMS	34.7	7.8	.16	53.56	54	-44	-	-	222	166	H
8	5.715	10.9	RMS	34.7	7.8	.16	53.56	54	-44	-	-	222	166	H
4	5.722	34.15	Pk	34.7	7.8	0	76.65	-	-	78.2	-1.55	222	166	H
3	5.725	24.75	Pk	34.7	7.8	0	67.25	-	-	78.2	-10.95	222	166	H
7	5.725	13.41	RMS	34.7	7.8	.16	56.07	-	-	-	-	222	166	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL)



Trace Markers

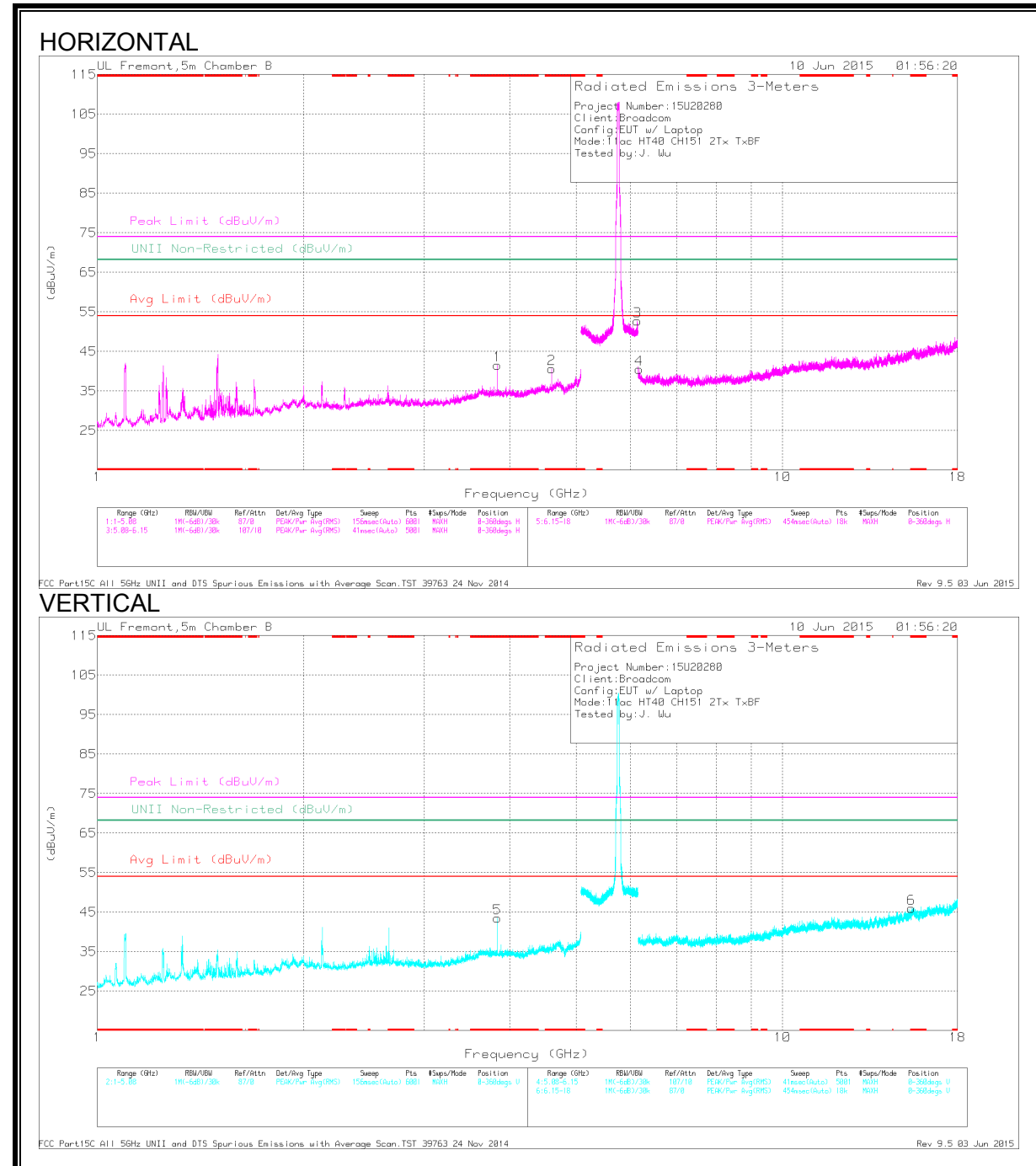
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-83.97	Pk	35.4	8.8	11.8	-27.97	-17	-10.97	291	160	H
2	5.862	-83.6	Pk	35.4	8.8	11.8	-27.6	-27	-6	291	160	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.837	46.45	PK3	33.4	-30.9	0	48.95	-	-	74	-25.05	-	-	209	312	H
	* 3.837	41.08	ADR	33.4	-30.9	.16	43.74	54	-10.26	-	-	-	-	209	312	H
2	* 4.603	40.1	PK3	34	-29.5	0	44.6	-	-	74	-29.4	-	-	269	153	H
	* 4.604	28.37	ADR	34	-29.4	.16	33.13	54	-20.87	-	-	-	-	269	153	H
5	* 3.837	47.82	PK3	33.4	-30.9	0	50.32	-	-	74	-23.68	-	-	128	253	V
	* 3.837	43.04	ADR	33.4	-30.9	.16	45.7	54	-8.3	-	-	-	-	128	253	V
6	* 15.421	33.5	PK3	40.8	-21.4	0	52.9	-	-	74	-21.1	-	-	274	218	V
	* 15.42	21.95	ADR	40.8	-21.4	.16	41.51	54	-12.49	-	-	-	-	274	218	V
3	6.139	42.5	PK3	35.5	-17.1	0	60.9	-	-	-	-	68.2	-7.3	287	184	H
4	6.183	43	PK3	35.5	-28.4	0	50.1	-	-	-	-	68.2	-18.1	294	194	H

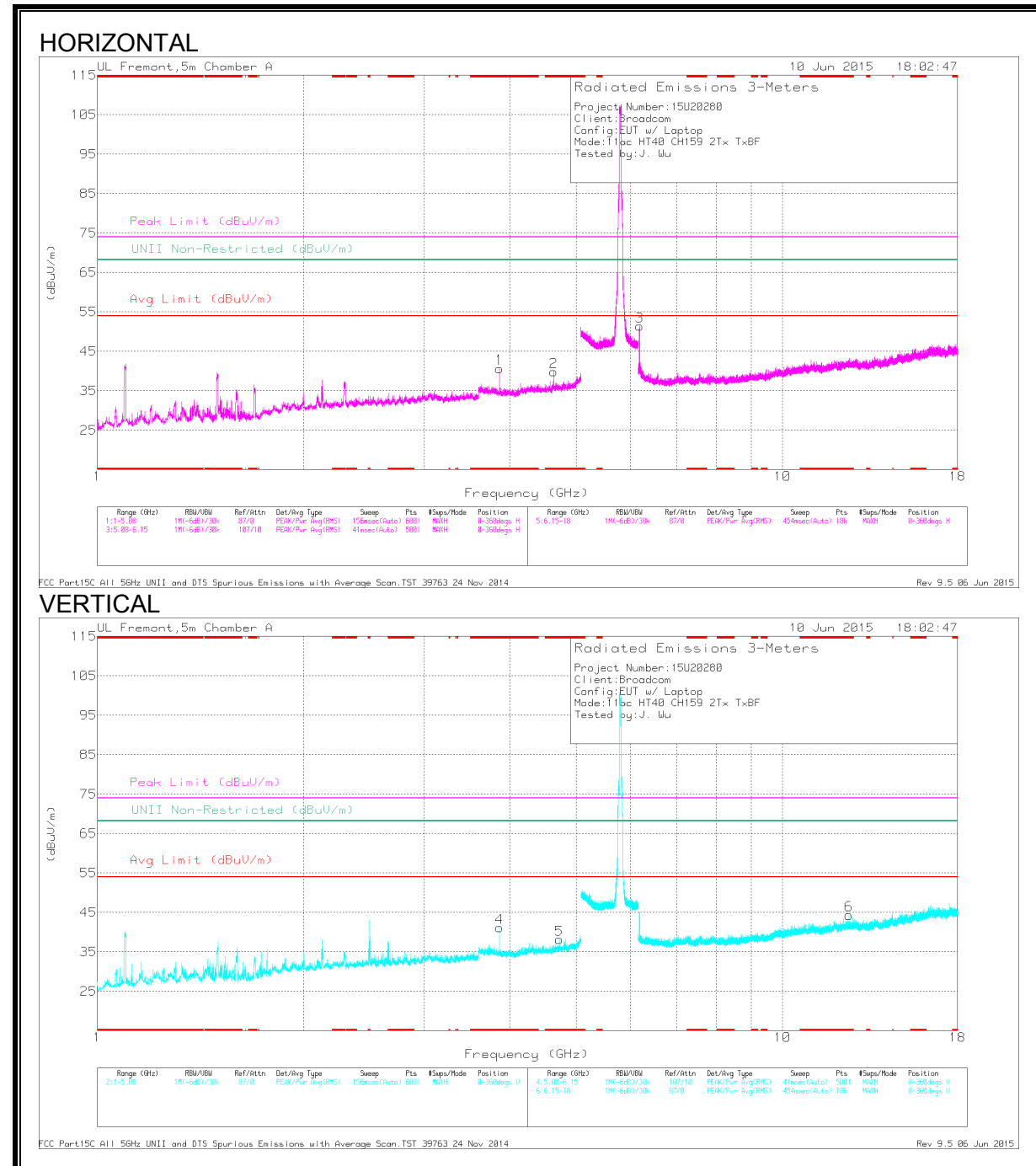
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

-Compliance for emissions in non-restricted bands shown in conducted out of band testing

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.863	46.12	PK3	33.5	-32.7	0	46.92	-	-	74	-27.08	-	-	66	202	H
	* 3.863	39.29	ADR	33.5	-32.7	.16	40.25	54	-13.75	-	-	-	-	66	202	H
2	* 4.636	40.88	PK3	34.1	-30.9	0	44.08	-	-	74	-29.92	-	-	210	400	H
	* 4.636	30.63	ADR	34.1	-30.9	.16	33.99	54	-20.01	-	-	-	-	210	400	H
4	* 3.863	46.28	PK3	33.5	-32.7	0	47.08	-	-	74	-26.92	-	-	205	147	V
	* 3.863	39.17	ADR	33.5	-32.7	.16	40.13	54	-13.87	-	-	-	-	205	147	V
5	* 4.72	42.4	PK3	34.1	-30.9	0	45.6	-	-	74	-28.4	-	-	233	100	V
	* 4.722	30.32	ADR	34.1	-30.9	.16	33.68	54	-20.32	-	-	-	-	233	100	V
6	* 12.493	34.53	PK3	39.1	-23.2	0	50.43	-	-	74	-23.57	-	-	167	400	V
	* 12.492	22.96	ADR	39.1	-23.3	.16	38.92	54	-15.08	-	-	-	-	167	400	V
3	6.182	43.69	PK3	35.4	-28.5	0	50.59	-	-	-	-	68.2	-17.61	243	400	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

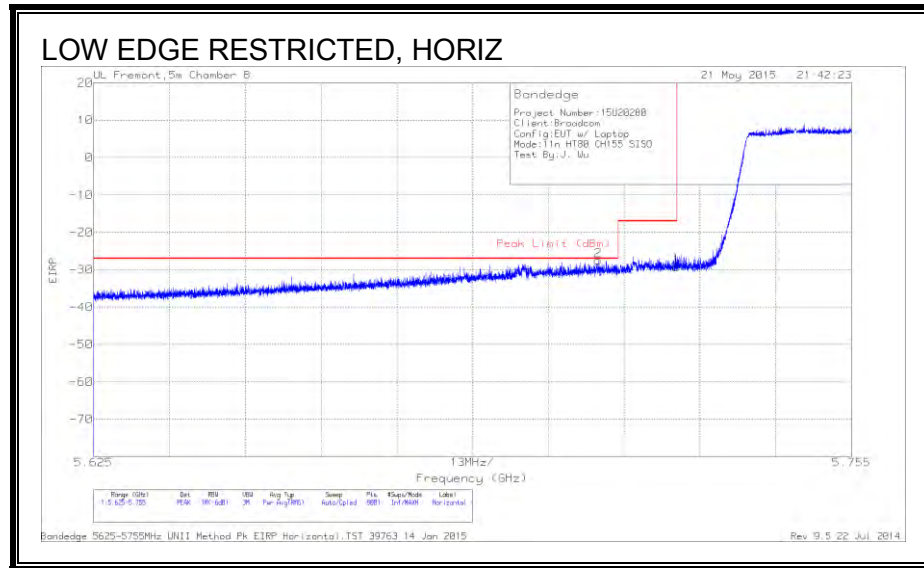
-Compliance for emissions in non-restricted bands shown in conducted out of band testing

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.45. TX ABOVE 1 GHz 802.11ac VHT80 1Tx MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 155 LOW EDGE)



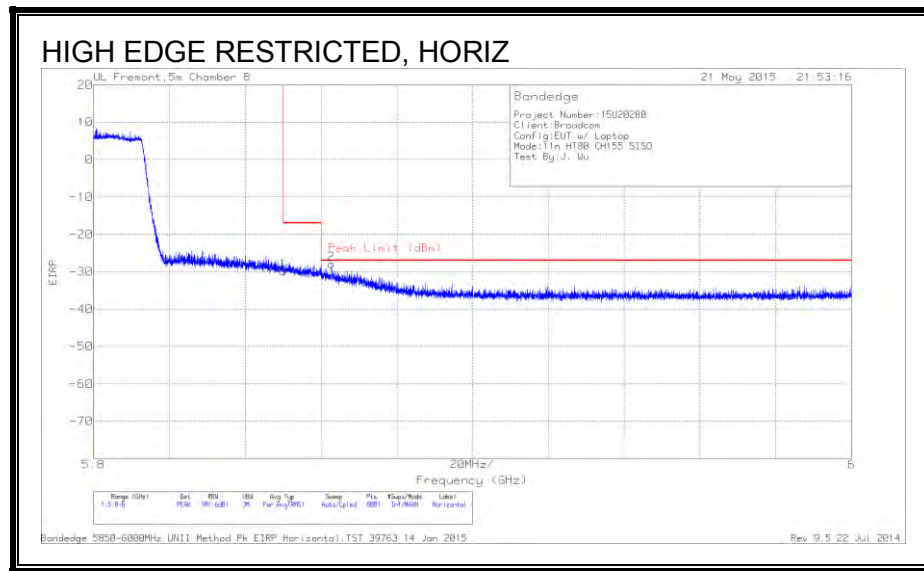
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.712	-82.91	PK	35	8.6	11.8	-27.51	-27	-51	281	176	H
1	5.725	-84.71	PK	35	8.6	11.8	-29.31	-17	-12.31	281	176	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 155 HIGH EDGE)



Trace Markers

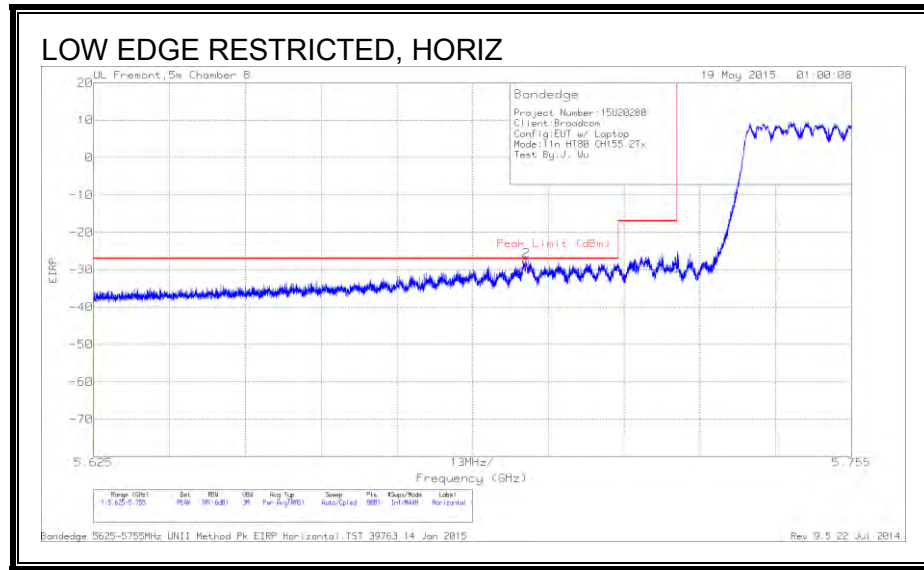
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-85.84	PK	35.4	8.8	11.8	-29.84	-17	-12.84	307	199	H
2	5.863	-83.96	PK	35.4	8.8	11.8	-27.96	-27	-.96	307	199	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

9.46. TX ABOVE 1 GHz 802.11ac VHT80 CDD 2TX MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 155 LOW EDGE)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.699	-82.97	PK	35	8.6	11.8	-27.57	-27	-57	272	170	H
1	5.725	-85.1	PK	35	8.6	11.8	-29.7	-17	-12.7	272	170	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 155 HIGH EDGE)



Trace Markers

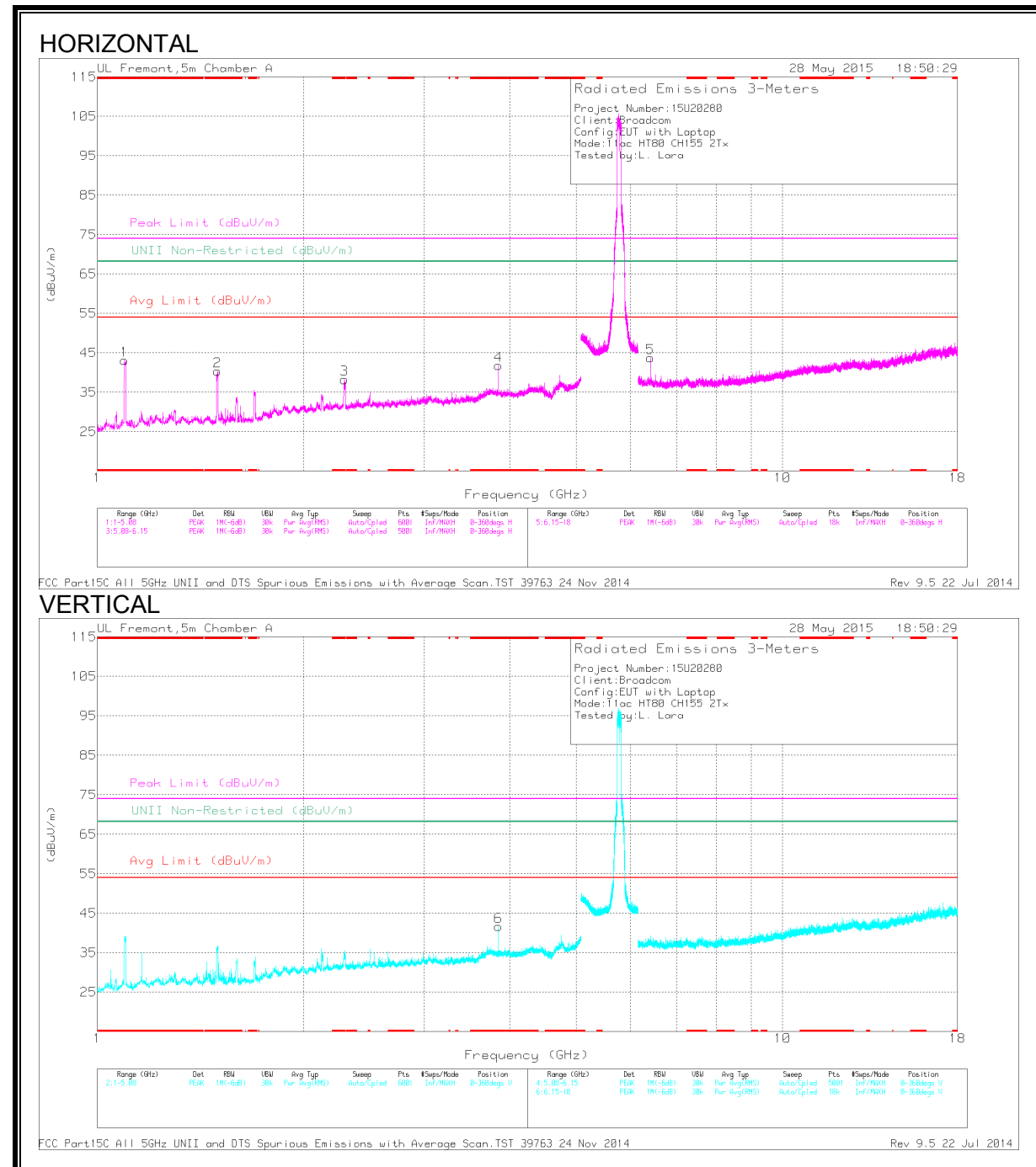
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T345 (dB/m)	Bypass (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-86.28	PK	35.4	8.8	11.8	-30.28	-17	-13.28	274	178	H
2	5.865	-84.28	PK	35.4	8.8	11.8	-28.28	-27	-1.28	274	178	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

CHANNEL 155



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.097	58.63	PK1	27.2	-35.7	0	50.13	-	-	74	-23.87	-	-	337	131	H
	* 1.097	50.88	AD1	27.2	-35.7	.19	42.57	54	-11.43	-	-	-	-	337	131	H
2	* 1.499	54.46	PK1	28.1	-35.1	0	47.46	-	-	74	-26.54	-	-	336	317	H
	* 1.497	42.99	AD1	28.1	-35.1	.19	36.18	54	-17.82	-	-	-	-	336	317	H
3	* 2.291	48.48	PK1	31.8	-34.5	0	45.78	-	-	74	-28.22	-	-	55	249	H
	* 2.295	36.17	AD1	31.8	-34.5	.19	33.66	54	-20.34	-	-	-	-	55	249	H
4	* 3.85	45.69	PK1	33.4	-32.5	0	46.59	-	-	74	-27.41	-	-	147	179	H
	* 3.85	39.55	AD1	33.4	-32.5	.19	40.64	54	-13.36	-	-	-	-	147	179	H
6	* 3.85	45.46	PK1	33.4	-32.5	0	46.36	-	-	74	-27.64	-	-	151	193	V
	* 3.85	39.87	AD1	33.4	-32.5	.19	40.96	54	-13.04	-	-	-	-	151	193	V
5	6.417	42.95	PK1	35.5	-28	0	50.45	-	-	-	-	68.2	-17.75	231	182	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

-Compliance for emissions in non-restricted bands shown in conducted out of band testing

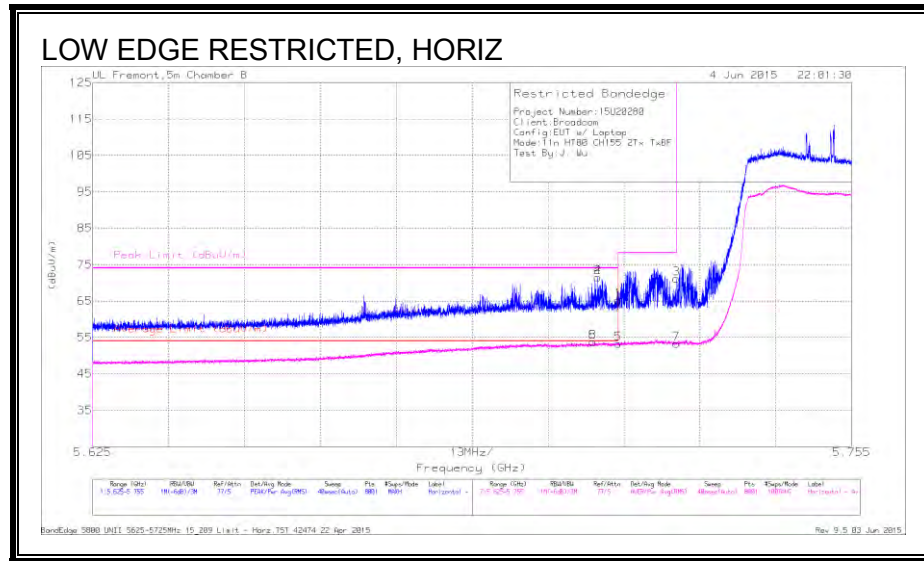
PK - Peak detector

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

9.47. TX ABOVE 1 GHz 802.11ac VHT80 TxBF 2TX MODE IN THE 5.8 GHz BAND

RESTRICTED BANDEDGE (CHANNEL 155 LOW EDGE)



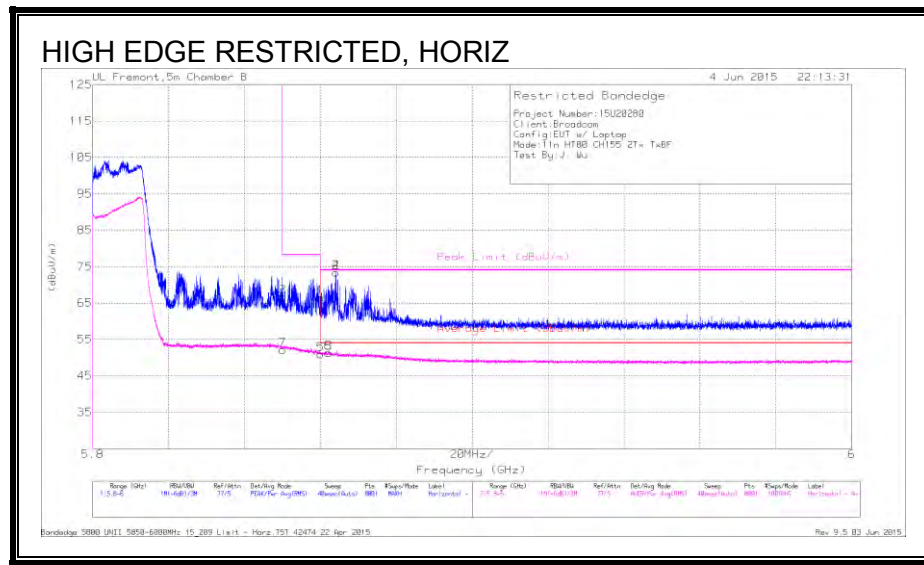
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.711	9.62	RMS	35	8.6	.52	53.74	54	-26	-	-	287	197	H
8	5.711	9.62	RMS	35	8.6	.52	53.74	54	-26	-	-	287	197	H
2	5.712	27.9	Pk	35	8.6	0	71.5	-	-	74	-2.5	287	197	H
4	5.712	27.9	Pk	35	8.6	0	71.5	-	-	74	-2.5	287	197	H
1	5.715	21.63	Pk	35	8.6	0	65.23	-	-	74	-8.77	287	197	H
5	5.715	9.12	RMS	35	8.6	.52	53.24	54	-76	-	-	287	197	H
3	5.725	27.57	Pk	35	8.6	0	71.17	-	-	78.2	-7.03	287	197	H
7	5.725	9.17	RMS	35	8.6	.52	53.29	-	-	-	-	287	197	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

RESTRICTED BANDEDGE (CHANNEL 155 HIGH EDGE)



Trace Markers

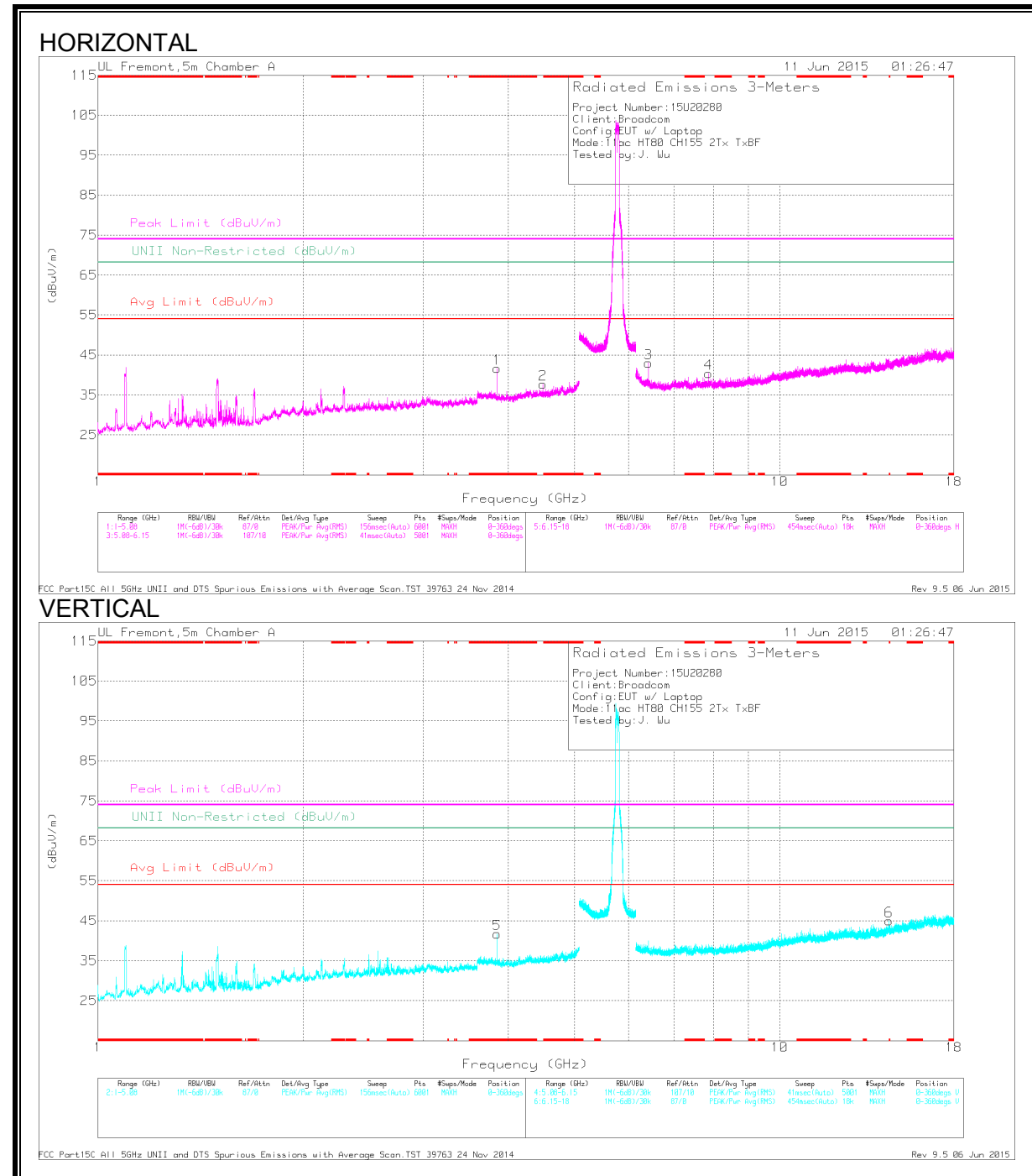
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Bypass (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	5.85	22.48	Pk	35.4	8.8	0	66.68	-	-	78.2	-11.52	300	210	H
7	5.85	7.97	RMS	35.4	8.8	.52	52.69	-	-	-	-	300	210	H
1	5.86	22.38	Pk	35.4	8.8	0	66.58	-	-	74	-7.42	300	210	H
5	5.86	6.71	RMS	35.4	8.8	.52	51.43	54	-2.57	-	-	300	210	H
6	5.862	7.13	RMS	35.4	8.8	.52	51.85	54	-2.15	-	-	300	210	H
8	5.862	7.13	RMS	35.4	8.8	.52	51.85	54	-2.15	-	-	300	210	H
2	5.864	29.22	Pk	35.4	8.8	0	73.42	-	-	74	-5.58	300	210	H
4	5.864	29.22	Pk	35.4	8.8	0	73.42	-	-	74	-5.58	300	210	H

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

CHANNEL 155



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.85	47.25	PK3	33.4	-32.5	0	48.15	-	-	74	-25.85	-	-	5	338	H
	* 3.85	42.04	ADR	33.4	-32.5	.52	43.46	54	-10.54	-	-	-	-	5	338	H
5	* 3.85	46.69	PK3	33.4	-32.5	0	47.59	-	-	74	-26.41	-	-	51	380	V
	* 3.85	41.28	ADR	33.4	-32.5	.52	42.7	54	-11.3	-	-	-	-	51	380	V
2	4.492	42.04	PK3	33.9	-30.9	0	45.04	-	-	-	-	68.2	-23.16	351	202	H
3	6.417	42.04	PK3	35.5	-28	0	49.54	-	-	-	-	68.2	-18.66	0	142	H
4	7.868	37.3	PK3	35.7	-25.8	0	47.2	-	-	-	-	68.2	-21	265	100	H
6	14.459	34.84	PK3	39.2	-22.8	0	51.24	-	-	-	-	68.2	-16.96	265	201	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

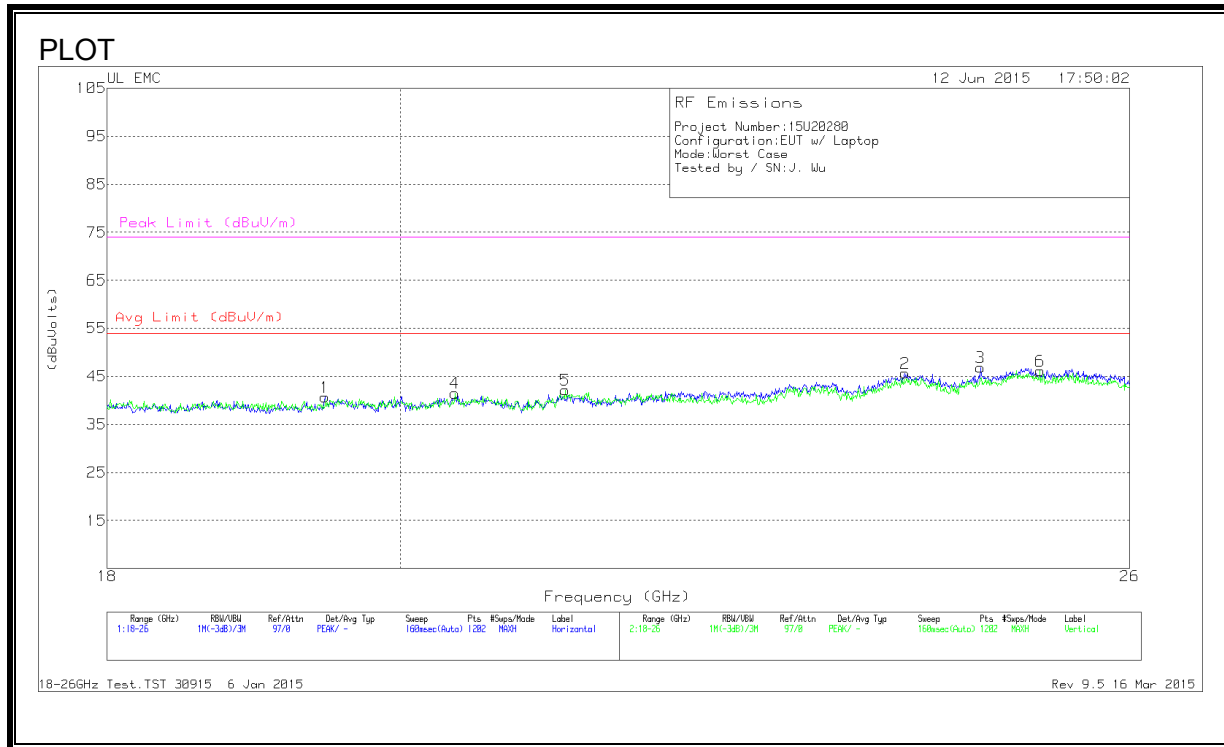
-Compliance for emissions in non-restricted bands shown in conducted out of band testing

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.48. WORST-CASE ABOVE 18GHz

SPURIOUS EMISSIONS 18 – 26GHz

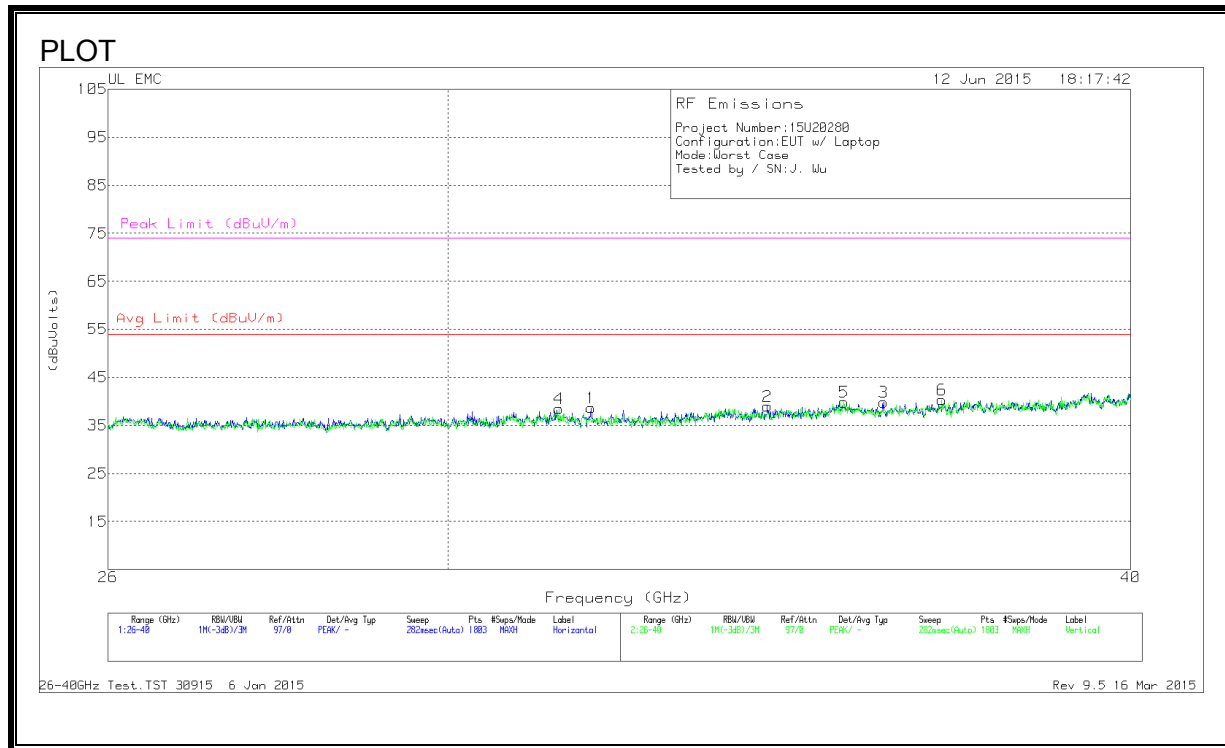


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.465	41.77	Pk	32.5	-24.1	-9.5	40.67	54	-13.33	74	-33.33
2	23.982	44.57	Pk	33.3	-22.7	-9.5	45.67	54	-8.33	74	-28.33
3	24.641	45.13	Pk	33.9	-22.7	-9.5	46.83	54	-7.17	74	-27.17
4	20.398	42	Pk	32.6	-23.6	-9.5	41.5	54	-12.5	74	-32.5
5	21.224	42.37	Pk	33.1	-23.8	-9.5	42.17	54	-11.83	74	-31.83
6	25.174	44.87	Pk	33.7	-22.9	-9.5	46.17	54	-7.83	74	-27.83

PK - Peak detector

SPURIOUS EMISSIONS 26 – 40GHz



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	31.866	48.17	Pk	36.3	-36.3	-9.5	38.67	54	-15.33	74	-35.33
2	34.321	47.7	Pk	37.1	-36.3	-9.5	39	54	-15	74	-35
3	36.046	49.73	Pk	37.2	-37.6	-9.5	39.83	54	-14.17	74	-34.17
4	31.438	48.1	Pk	36.2	-36.3	-9.5	38.5	54	-15.5	74	-35.5
5	35.447	48.93	Pk	37.9	-37.5	-9.5	39.83	54	-14.17	74	-34.17
6	36.939	51.23	Pk	37.2	-38.6	-9.5	40.33	54	-13.67	74	-33.67

PK - Peak detector

9.49. WORST-CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 241.2	54.31	PK	11.5	-29.7	36.11	46.02	-9.91	0-360	101	H
2	43.77	37.61	PK	11.5	-31.1	18.01	40	-21.99	0-360	101	V
1	70.035	37.92	PK	8.1	-30.8	15.22	40	-24.78	0-360	200	H
4	150.5725	45.39	PK	12.6	-30.2	27.79	43.52	-15.73	0-360	101	V
3	151.9325	50.03	PK	12.5	-30.2	32.33	43.52	-11.19	0-360	200	H
6	531.5	35.88	PK	17.9	-28.7	25.08	46.02	-20.94	0-360	101	V

* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK - Peak detector

QP - Quasi-Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

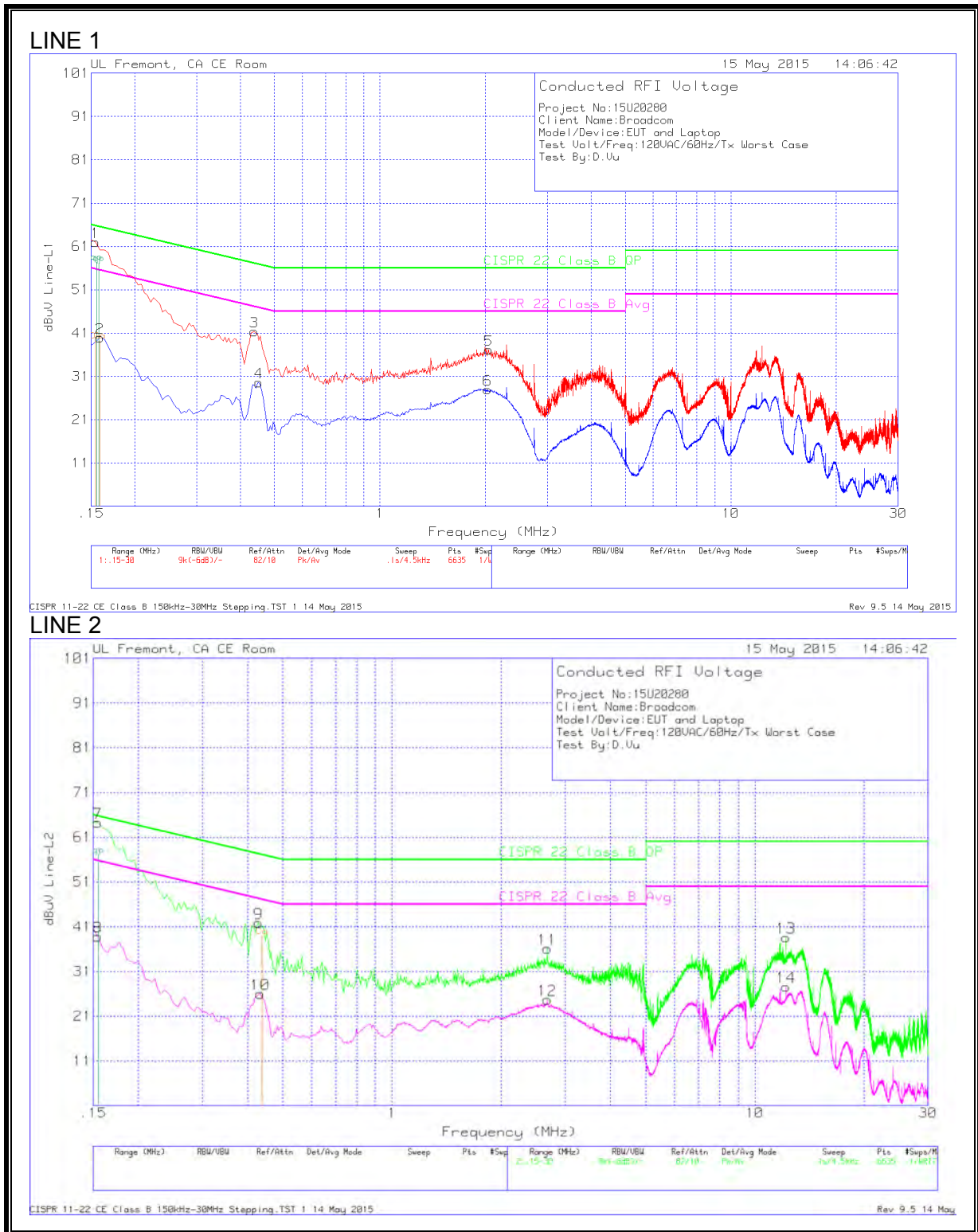
LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 [*]	56 to 46 [*]
0.5-5	56	46
5-30	60	50

^{*} Decreases with the logarithm of the frequency.

RESULTS



Trace Markers

Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.1545	60.71	Pk	1.3	0	62.01	65.75	-3.74	-	-
2	.159	38.65	Av	1.3	0	39.95	-	-	55.52	-15.57
3	.438	39.98	Pk	.4	0	40.38	57.1	-16.72	47.1	-6.72
4	.4515	29.2	Av	.4	0	29.6	-	-	46.85	-17.25
5	2.04	36.82	Pk	.2	.1	37.12	56	-18.88	46	-8.88
6	2.0265	27.67	Av	.2	.1	27.97	-	-	46	-18.03

Range 1: Line-L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
.15563	37.86	Ca	1.3	0	39.16	-	-	55.69	-16.53

Range 1: Line-L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
.15563	56.1	Qp	1.3	0	57.4	65.69	-8.29	-	-

Pk - Peak detector

Av - Average detection

Ca - CISPR average detection

Qp - Quasi-Peak detector

Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
7	.1545	62.84	Pk	1.4	0	64.24	65.75	-1.51	-	-
8	.1545	37.37	Av	1.4	0	38.77	-	-	55.75	-16.98
9	.429	40.43	Pk	.4	0	40.83	57.27	-16.44	47.27	-6.44
10	.4335	25.59	Av	.4	0	25.99	-	-	47.19	-21.2
11	2.679	35.75	Pk	.2	.1	36.05	56	-19.95	46	-9.95
12	2.679	24.37	Av	.2	.1	24.67	-	-	46	-21.33
13	12.183	38.2	Pk	.2	.2	38.6	60	-21.4	50	-11.4
14	12.1875	27.18	Av	.2	.2	27.58	-	-	50	-22.42

Range 2: Line-L2 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
.15518	37.45	Ca	1.4	0	38.85	-	-	55.72	-16.87

Range 2: Line-L2 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
.15518	55.68	Qp	1.4	0	57.08	65.72	-8.64	-	-

Pk - Peak detector
Av - Average detection
Ca - CISPR average detection
Qp - Quasi-Peak detector